

ABSTRACT

A carrier wave NTSC component or a VSB pilot signal in an IF signal is extracted and judged. Then, on the basis of the judgment result, either of demodulation circuit 13 and 14, which is appropriate for the received broadcast wave is switched. Information of co-broadcasting programs for analog and digital broadcasts are acquired from EPG and memorized. In case of high-speed channel search, analog broadcast is preferentially switched to. In case of co-broadcasting, the analog broadcast program is displayed on the screen at the beginning, and then, the digital broadcast program is switched when the data decoding is completed. Therefore, it is possible to provide a receiver for receiving digital and analog broadcasts, which can perform switching automatically to a demodulation circuit appropriate for the channel selected modulated wave, and which can also seamlessly switch the channels between analog and digital broadcasts, thereby screen display can be switched smoothly at switching from analog broadcast to digital broadcast.

Fig.1